TOUCH THE FUTURE

One versatile system for soft tissue and fine bone dissection.

SONOPET®
Ultrasonic Aspirator
One handpiece for soft tissue and fine bone dissection

SONOPET by Stryker is the most versatile and user-friendly ultrasonic aspirator. In addition to the soft tissue capabilities common to ultrasonic aspirators, the SONOPET can effectively address fine dissection of bone traditionally performed with rotating drills. With SONOPET in your hand, you’ll have the power to shape the future of better outcomes.

The SONOPET Handpiece

**Advantages**

- Lightweight, ergonomic design provides superb tactile feedback and requires no external cooling.
- 25kHz Universal handpiece partnered with an additional 34kHz handpiece, allows for tailoring of instrumentation to specific tissue/procedure.
- Frangible tip covers for improved visualization and access.
- Large selection of specialty tips available.

![Micro Claw | Neuro Bur](image)

**Proprietary LT technology**

**Longitudinal + Torsional Vibration**

SONOPET is the first ultrasonic aspirator to effectively address soft tissue and fine bone dissection by coupling longitudinal oscillation and torsional vibration.

![LT Vibration | Topside Amplitude](image)

**High degree of control**

The Patented LT technology makes it possible to emulsify bone with no grabbing or kicking due to the non-rotational reciprocating motion, and oscillation at 25,000 times per second with 0.36 mm width variation.

Minimal pressure is needed. With just a touch of the LT tip to bone, a true synergy of control and efficacy can be achieved with Sonopet.
Exceptional control of specifically designed tips enabling soft tissue and fine bone dissection in close proximity to delicate anatomic structures.

### The Stryker Advantage

<table>
<thead>
<tr>
<th></th>
<th>Stryker</th>
<th>Competitor A</th>
<th>Competitor B</th>
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</thead>
<tbody>
<tr>
<td>LT Technology</td>
<td>YES</td>
<td>no</td>
<td>no</td>
</tr>
<tr>
<td>Bone Tips</td>
<td></td>
<td>10</td>
<td>1</td>
</tr>
<tr>
<td>Aggressive Tissue Tip</td>
<td>Barracuda</td>
<td>none</td>
<td>none</td>
</tr>
<tr>
<td>Handpiece Weight</td>
<td>3.5 oz</td>
<td>10 oz</td>
<td>8 oz</td>
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</tbody>
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#### Advantages
- Automatically recognizes handpieces for easy set-up
- Multiple frequencies of handpieces allow tissue selectivity for in situ evacuation in eloquent areas or aggressive removal of fine bone
- Suction, Irrigation and Ultrasonic functions can be used alone or simultaneously by using the SYNC mode
- Individual linear control of each output enables user to fine tune power balance

#### 5450-800-301 (N802-25)
**Superlong Straight**
- Length: 7.9 in (20 cm)
- OD 1.92 mm  ID 1.50 mm

#### 5450-800-302 (N817-25)
**Payner Superlong 360**
- Length: 7.9 in (20 cm)
- OD 3.15 mm  ID 1.19 mm

#### 5450-800-303 (N805-25)
**Spetzler Superlong Open Angle Micro Claw**
- Length: 7.9 in (20 cm)
- OD 2.92 mm  ID 1.19 mm

#### 5450-800-304 (N858-25)
**Spetzler Open Angle Micro Claw**
- Length: 4 in (10.2 cm)
- OD 2.92 mm  ID 1.19 mm

#### 5450-800-305 (N800-25)
**Nakagawa Serrated Knife**
- Length: 4.3 in (10.9 cm)
- OD 2.11 mm

#### 5450-800-310 (N606-25)
**Ring Curette**
- Length: 4.4 in (11.2 cm)
- OD 3.18 mm  ID 2.26 mm

#### Smart Console

You’ll have the power to fully complete the procedure to help you maximize your patients’ outcomes.
The SONOPET system delivers precise fragmentation, irrigation and aspiration simultaneously in one handpiece.

**Components of Ultrasonic Aspirators**

**Ultrasonic Vibration and Fragmentation**
- Tissue Fragmentation
- Irrigation
- Aspiration

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**ASSEMBLY & DISASSEMBLY**

**To Install Ultrasonic Tip**
1. Thread the ultrasonic tip onto the handpiece.
2. Place the handpiece angle joint into the notched bracket on the sterilization and assembly tray.
3. Place the torque wrench on the ultrasonic tip as shown. The side of the torque wrench with the arrow symbol must face the distal end of the tip.
4. Hold the handpiece in place and rotate the torque wrench in the direction of the arrow to tighten the ultrasonic tip. Stop tightening immediately when you hear one click from the torque wrench. Minimal effort should be required.

**To Install Tip Cover**
Securely press the tip cover onto the handpiece. Rotate the tip cover to the desired position, if necessary.

**To Remove Tip Cover**
1. Loosen and remove the tip cover from the irrigation cover by hand and discard.

**To Remove Ultrasonic Tip**
1. Place the handpiece angle joint into the notched bracket on the sterilization and assembly tray.
2. Place the torque wrench on the ultrasonic tip as shown. The side of the torque wrench with the arrow symbol must face the distal end of the tip.
3. Hold the handpiece in place and rotate the torque wrench in the opposite direction of the arrow to loosen and remove the ultrasonic tip. Discard the ultrasonic tip.

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**ORDERING INFORMATION**

**SONOPET Universal Handpiece**
- Stryker
- Existing
- Description
- 5400-820-000 N225 Universal Handpiece (NP only)

**Disposable Tips** (For use with SONOPET Universal Handpiece)

**Soft Tissue**
- Stryker
- Existing
- Description
- 5450-800-301 N602-25 25kHz Superlong Straight Tip (5/pk g)
- 5450-800-300 N600-25L 25kHz Speckler Barracuda Large Diameter Tip (5/pk g)
- 5450-800-307 N602-25 25kHz Straight Tip (5/pk g)
- 5450-800-308 N605-25L 25kHz Straight Large Diameter Tip (5/pk g)
- 5450-800-309 N602-25M 25kHz Straight Micro Diameter Tip (5/pk g)
- 5450-800-310 N606-25 25kHz Speckler Barracuda Tip (5/pk g)
- 5450-800-316 N605-25 Ring Curette Tip (5/pk g)

**Bone**
- Stryker
- Existing
- Description
- 5450-800-302 N617-25 25kHz Superlong Payner 360 Tip (5/pk g)
- 5450-800-303 N608-25 25kHz Superlong Speckler Micro Claw Tip (5/pk g)
- 5450-800-304 N605-25 25kHz Superlong Specular Open Angle Micro Claw Tip (5/pk g)
- 5450-800-305 N600-25 25kHz Nakagawa Serrated Knife Tip (5/pk g)
- 5450-800-312 N617-25 25kHz Payner 360 Tip (5/pk g)
- 5450-800-313 N608-25 25kHz Speckler Open Angle Micro Claw Tip (5/pk g)
- 5450-800-315 N768-25 25kHz Long Speckler Micro Claw Tip (5/pk g)

**Accessories**
- Stryker
- Existing
- Description
- 5450-800-038 UTRA-070 Step Torque Wrench, Offset (7mm)
- 5450-800-276 MUEF-001-1 Sterilization Tray (7mm)
- 5450-800-278 MUEF-000-1 T Consider Tray (7mm)
- 5450-800-001 UST 2001 Cassette 110 V (Includes Foot Pedal and N Pole)
- 5450-800-010 USB10 Plastic Suction Carisler, Reusable
- 5450-800-002 USB12 Disposable Suction Carisler Liner
- 5450-800-003 USB02 Disposable Tubing Set & Extender Filter Tubing (5/pk g)
- 5450-800-007 MUEU-003S Foot Pedal
- 5450-800-008 USC41 N Pole
- 5450-800-410 MUEF-102 Sonopet Cart

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**Ultrasonic Aspirator**

**SONOPET®**

**Ultrasonic Vibration and Fragmentation**

**Irrigation**
- Flows coaxially around tip to suspend fragmented tissue and cool the tip.

**Aspiration**
- Removal of fluid and fragmented tissue by cannulated tip and suction.

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**Stryker SA**

Cité-Centre

Grand Rue 90

1820 Montreux

Switzerland

t: +41 21 966 12 01

f: +41 21 966 12 90

www.stryker.eu